

| LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> | | | | Atty. Docket No.: 7567/80871 | | Appl. No.: to be assigned | | | |
|--|------|-----------------|---------------|--------------------------------|-------|---------------------------|----------------------------|-----------------------|--|
| | | | | Applicant(s) Roberts, et al. | | | | | |
| | | | | Filing Date: herewith | | | | Group: to be assigned | |
| U.S. PATENT DOCUMENTS | | | | | | | | | |
| Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate | | |
| FB | A 1 | 3,940,386 | Feb. 24, 1976 | Szabo, et al. | 260 | 240 | Jun. 21, 1974 | | |
| FB | A 2 | 5,574,159 | Nov. 12, 1996 | Chang, et al. | 544 | 396 | Apr. 28, 1995 | | |
| FB | A 3 | 5,681,830 | Oct. 28, 1997 | Chang, et al. | 514 | 85 | Aug. 3, 1994 | | |
| FB | A 4 | 5,807,858 | Sep. 15, 1998 | Chang, et al. | 514 | 255 | Jun. 5, 1996 | | |
| FB | A 5 | 6,130,222 | Oct. 10, 2000 | Roberts, et al. | 514 | 255.04 | Apr. 24, 1997 | | |
| | A 6 | | | | | | | | |
| | A 7 | | | | | | | | |
| | A 8 | | | | | | | | |
| | A 9 | | | | | | | | |
| | A 10 | | | | | | | | |
| | A 11 | | | | | | | | |
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| | A 25 | | | | | | | | |
| | A 26 | | | | | | | | |
| | A 27 | | | | | | | | |
| Examiner <i>F. Bandaru</i> | | | | Date Considered <i>8/23/04</i> | | | | | |

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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| Examiner Initial | | Document Number | Date | Country | Class | Subclass | Abst./Trans. | |
| | | | | | | | Yes | No |
| FB | B 1 | WO 86/04584 | 14 August 1986 | WIPO | C07D | 295/14 | | |
| FB | B 2 | WO 91/07967 | 13 June 1991 | WIPO | A61K | 31/495 | | |
| FB | B 3 | WO 93/15062 | 5 August 1993 | WIPO | C07D | 241/04 | | |
| FB | B 4 | WO 95/04051 | 9 February 1995 | WIPO | C07D | 295/155 | | |
| FB | B 5 | WO 97/23466 | 3 July 1997 | WIPO | C07D | 241/04 | | |
| FB | B 6 | WO 98/28270 | 2 July 1998 | WIPO | C07D | 211/56 | | |
| FB | B 7 | WO 98/28275 | 2 July 1998 | WIPO | C07D | 211/70 | | |
| FB | B 8 | WO 99/33806 | 8 July 1999 | WIPO | C07D | 211/58 | | |
| FB | B 9 | EP 0 289 227 | 2 November 1988 | EPO | C07D | 233/64 | | |
| FB | B 10 | EP 0 283 310 | 21 September 1988 | EPO | C07D | 295/04 | | |
| FB | B 11 | EP 0 166 302 | 2 January 1986 | EPO | C07D | 243/08 | | |
| FB | B 12 | EP 0 133 323 ^c | 20 February 1985 | EPO | C07D | 295/04 | | |
| FB | B 13 | GB 2 210 366 | 7 June 1989 | Great Britain | C07D | 295/04 | | |
| FB | B 14 | GB 2 076 403 | 2 December 1981 | Great Britain | C07D | 241/04 | | |
| FB | B 15 | FR 2 696 744 | 12 October 1992 | France | C07D | 401/06 | X | |
| FB | B 16 | DE 24 31 178 | 16 January 1975 | Germany | C07D | 295/04 | X | |
| FB | B 17 | DE 29 00 810 ^c | 24 July 1980 | Germany | C07D | 295/04 | X | |
| FB | B 18 | JP 7-138230 | 30 May 1995 | Japan | C07D | 213/38 | X | |
| | B 19 | | | | | | | |
| | B 20 | | | | | | | |
| | B 21 | | | | | | | |
| | B 22 | | | | | | | |
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| | B 27 | | | | | | | |
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| Examiner Initial | OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
| LB | C 1 | Bilsky, <i>et al.</i> , "Characterization of Enantiomers of (±)BW373U86 and Related Compounds: Highly Selective Non-Peptidic Delta Opioid Agonists," <i>Reg. Peptides</i> 54:25-26 (1994). | |
| | C 2 | Bilsky, <i>et al.</i> , "SNC 80, A Selective, Nonpeptidic and Systemically Active Opioid Delta Agonist," <i>J. Pharmacol. Exper. Therap.</i> 273:359-366 (1995). | |
| | C 3 | Burkey, <i>et al.</i> , "The Efficacy of Delta-Opioid Receptor-Selective Drugs," <i>Medline Abstract for Life Sci.</i> 62:1531-1536 (1998). | |
| | C 4 | Calderon, <i>et al.</i> , "Probes for Narcotic Receptor Mediated Phenomena. 19. Synthesis of (+)-4-[(α R)- α -(2S,5R)-4-Allyl-2,5-Dimethyl-1-Piperazinyl]-3-Methoxybenzyl]-N,N-Diethylbenzamide (SNC 80): A Highly Selective, Nonpeptide δ Opioid Receptor Agonist," <i>J. Med. Chem.</i> 37:2125-2128 (1994). | |
| | C 5 | Calderon, <i>et al.</i> , "Probes for Narcotic Receptor Mediated Phenomena. 23. Synthesis, Opioid Receptor Binding, and Bioassay of the Highly Selective δ Agonist (+)-4-[(α R)- α -(2S,5R)-4-Allyl-2,5-Dimethyl-1-Piperazinyl]-3-Methoxybenzyl]-N,N-Diethylbenzamide (SNC 80) and Related Novel Nonpeptide δ Opioid Receptor Ligands," <i>J. Med. Chem.</i> 40:695-704 (1997). | |
| | C 6 | Chang, <i>et al.</i> , "A Novel, Potent and Selective Nonpeptidic Delta Opioid Receptor Agonist BW373U86," <i>J. Pharmacol. Exper. Therap.</i> 267:852-857 (1993). | |
| | C 7 | Greene, "Protective Groups in Organic Synthesis," pp. 267-268 and 331 (1981). | |
| | C 8 | Katrizky, <i>et al.</i> , "Benzotriazole-Mediated Arylalkylation and Heteroarylalkylation," <i>Chem. Soc. Rev.</i> 23:363-442 (1994). | |
| | C 9 | Kingsbury, <i>et al.</i> , "Synthesis of Structural Analogs of Leukotriene B ₄ and Their Receptor Binding Activity," <i>J. Med. Chem.</i> 36:3308-3320 (1993). | |
| | C 10 | Lopez, <i>et al.</i> , "Exploring the Structure-Activity Relationships of [1-(4- <i>tert</i> -Butyl-3'-Hydroxy)Benzhydryl-4-Benzylpiperazine] (SL-3111), a High-Affinity and Selective δ -Opioid Receptor Nonpeptide Agonist Ligand," <i>J. Med. Chem.</i> 42:5359-5368 (1999). | |
| | C 11 | Nagase, <i>et al.</i> , "The Pharmacological Profile of Delta Opioid Receptor Ligands, (+) and (-) TAN-67 on Pain Modulation," <i>Medline Abstract for Life Sci.</i> 68:2227-2231 (2001). | |
| | C 12 | Plobek, <i>et al.</i> , "New Diarylmethylpiperazines as Potent and Selective Nonpeptidic δ Opioid Receptor Agonists with Increased <i>In Vitro</i> Metabolic Stability," <i>J. Med. Chem.</i> 43:3878-3894 (2000). | |
| | C 13 | Suggs, <i>et al.</i> , "Facile Synthesis of 8-Substituted Quinolines," <i>J. Org. Chem.</i> 45:1514-1515 (1980). | |
| | C 14 | Takemori, <i>et al.</i> , "Selective Naltrexone-Derived Opioid Receptor Antagonists," <i>Annu. Rev. Pharmacol. Toxicol.</i> 32:239-269 (1992). | |
| | C 15 | Zhang, <i>et al.</i> , "Probes for Narcotic Receptor Mediated Phenomena. 26. Synthesis and Biological Evaluation of Diarylmethylpiperazines and Diarylmethylpiperidines as Novel, Nonpeptidic δ Opioid Receptor Ligands," <i>J. Med. Chem.</i> 42:5455-5463 (1999). | |
| | C 16 | Abstract for HU 217619; a corresponding English language PCT application is cited above as reference B1. | |
| | C 17 | Abstract for HU 215487; a corresponding English language PCT application is cited above as reference B2. | |
| | C 18 | English language abstract for FR 2 696 744, Reference B15 above. | |
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| FB | C 19 | English language abstract for DE 24 31 178, Reference B16 above. | |
| ↓ | C 20 | English language abstract for DE 29 00 810, Reference B17 above. | |
| | C 21 | English language abstract for JP 7-138230, Reference B18 above. | |
| | C 22 | English language abstract for JP 7-138230, Reference B18 above. | |
| | ↓ | C 23 | Abstract No. 8843b for JP 7-138230, Reference B18 above, <i>Chemical Abstracts</i> 124:938 (1996). |
| | C 24 | | |
| | C 25 | | |
| | C 26 | | |
| | C 27 | | |
| | C 28 | | |
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